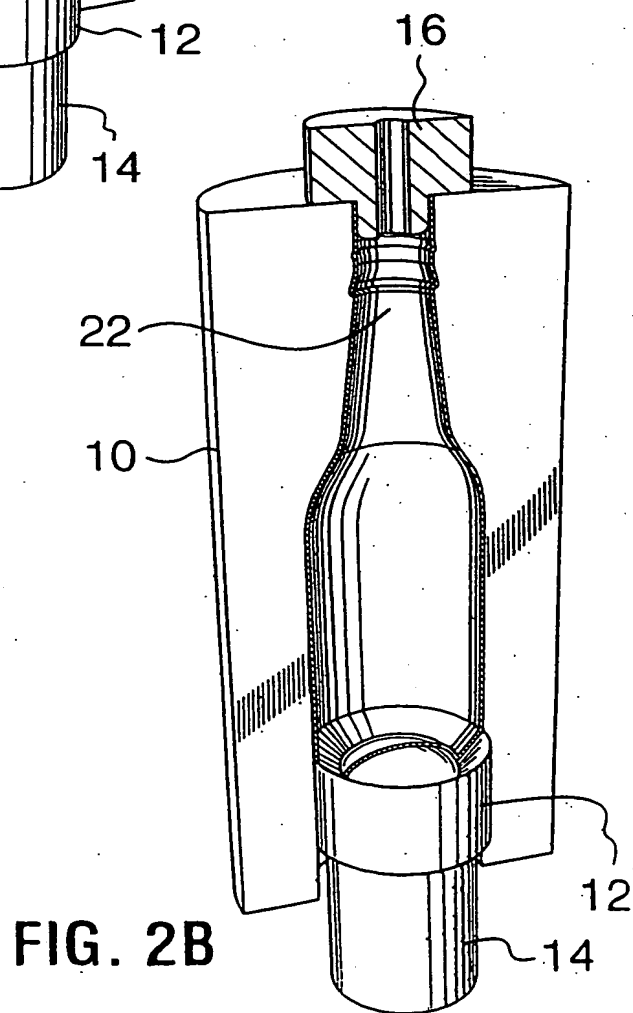
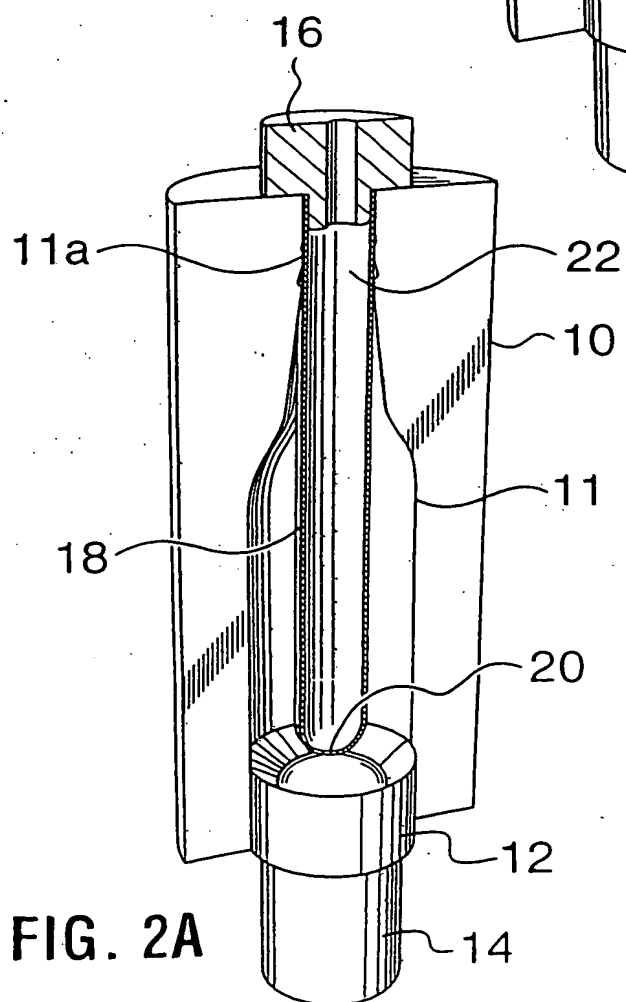
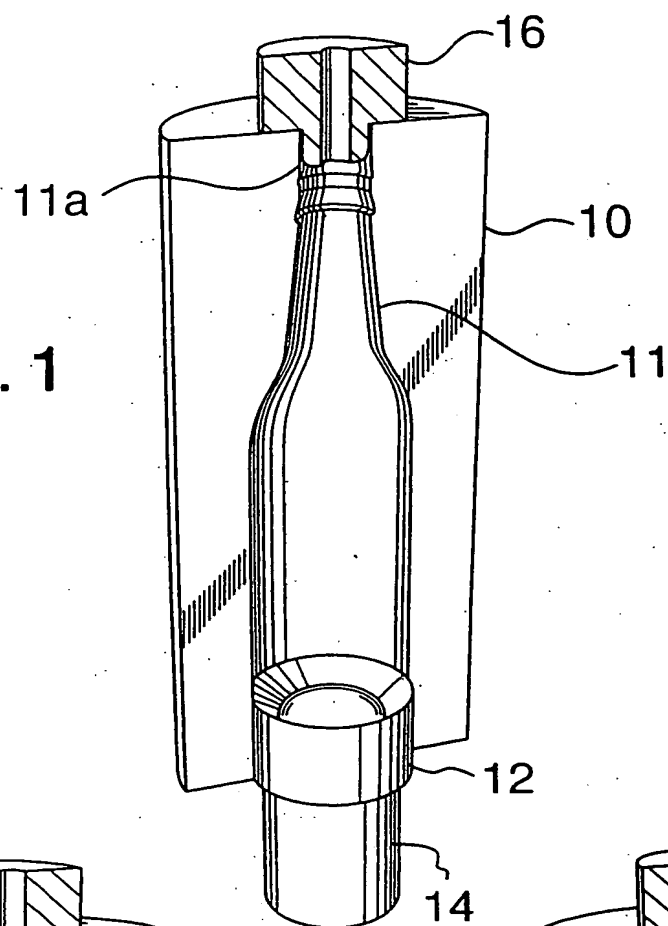




FIG. 1



Hydroforming  
Pressure Loading and Ram Displacement

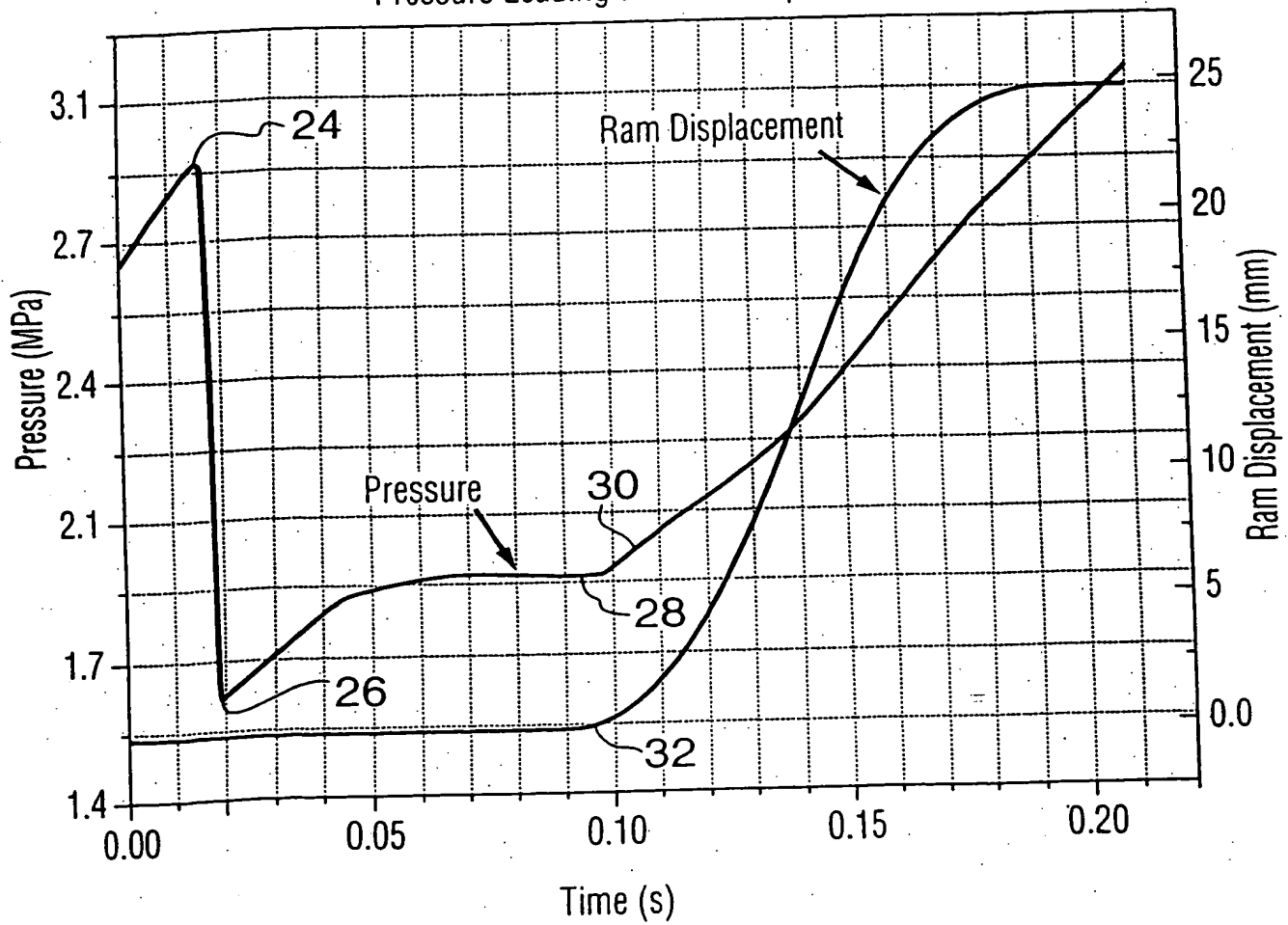
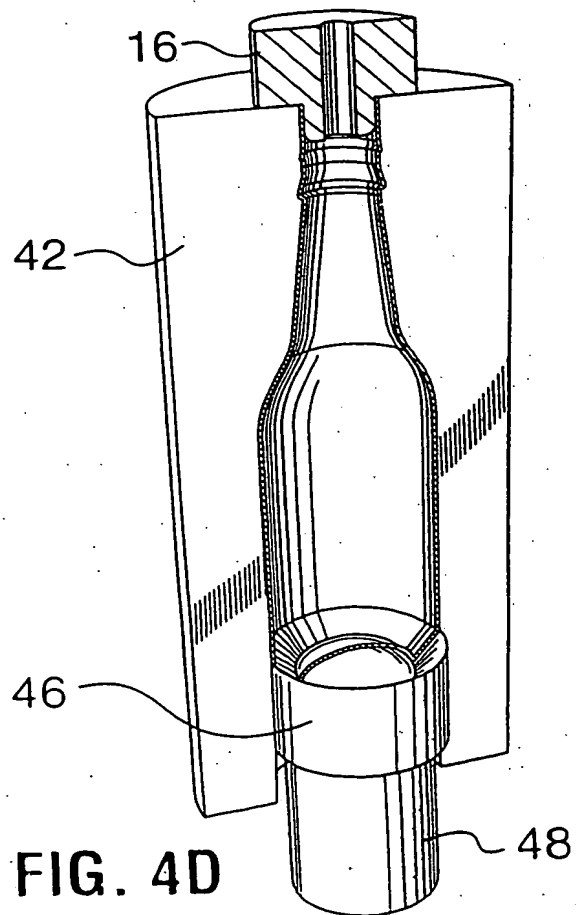
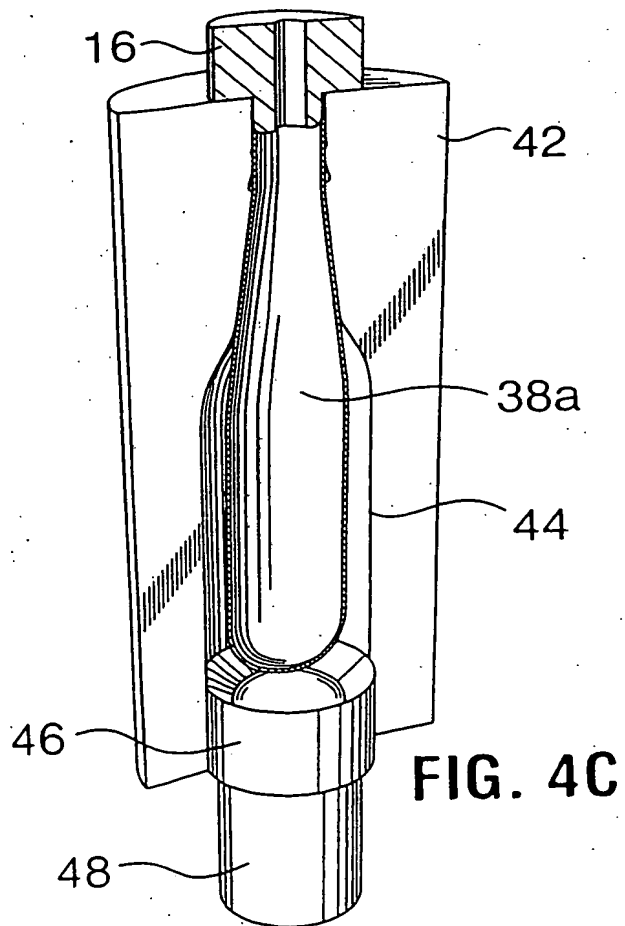
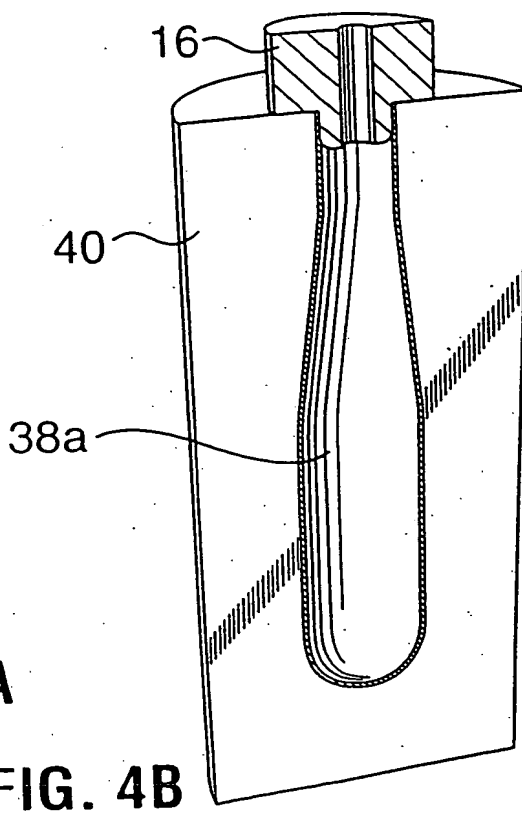
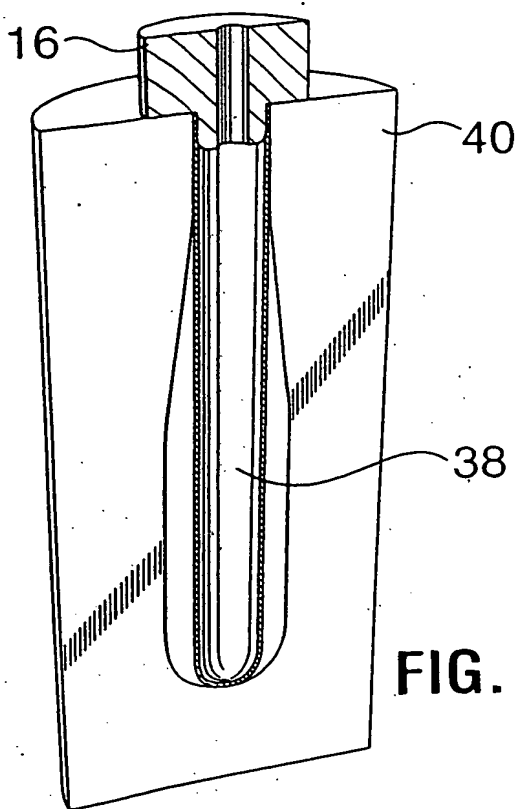
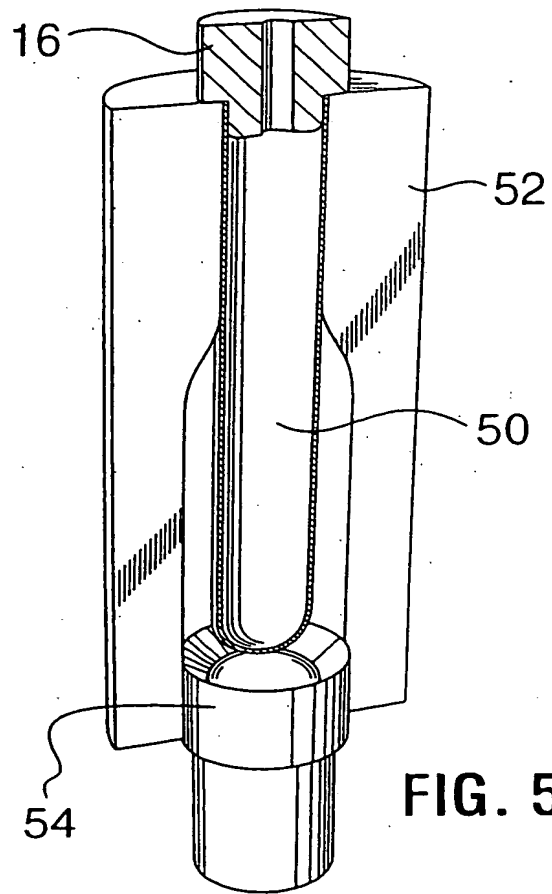
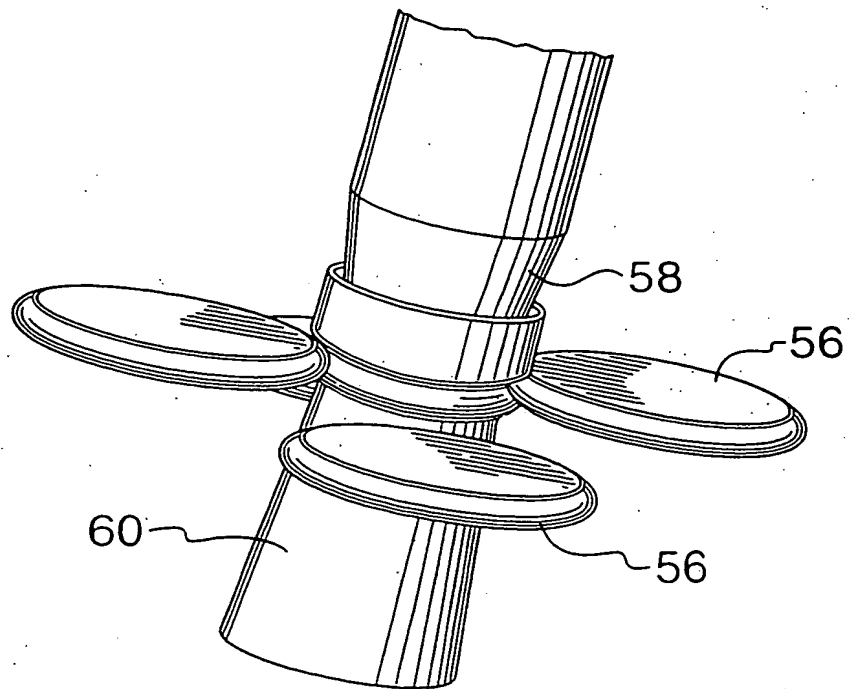


FIG. 3

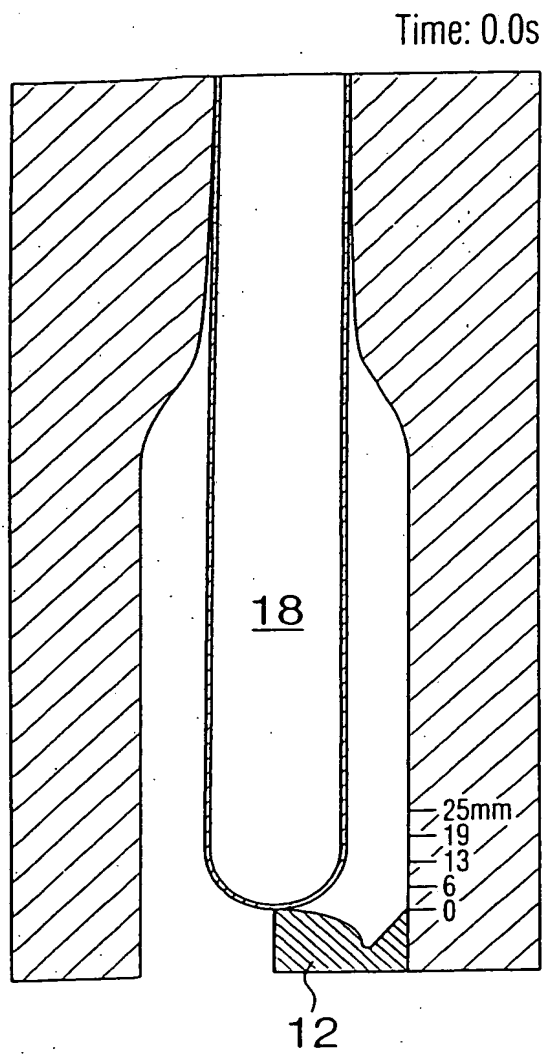




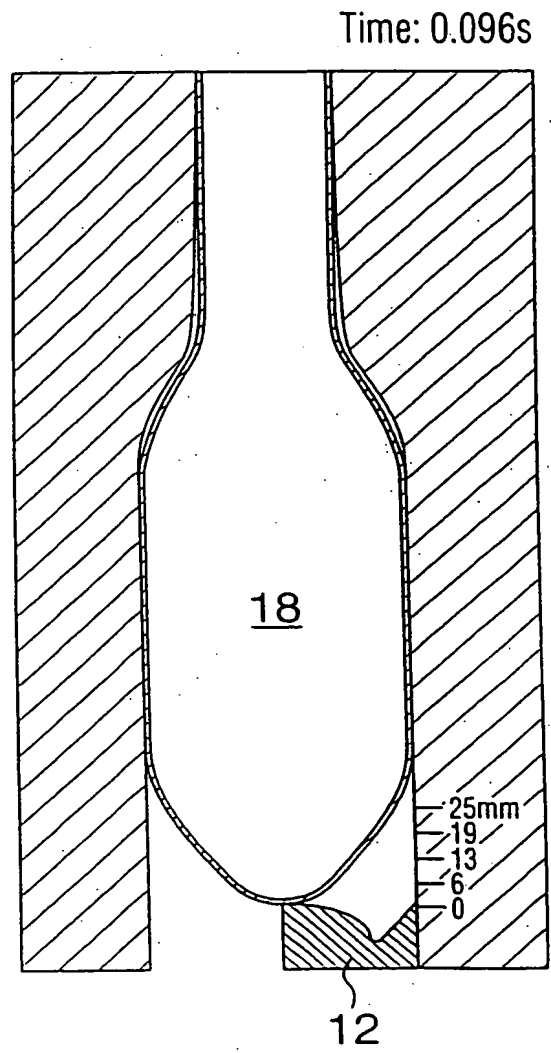
**FIG. 5a**



**FIG. 5B**



**FIG. 6A**



**FIG. 6B**

Time: 0.134s

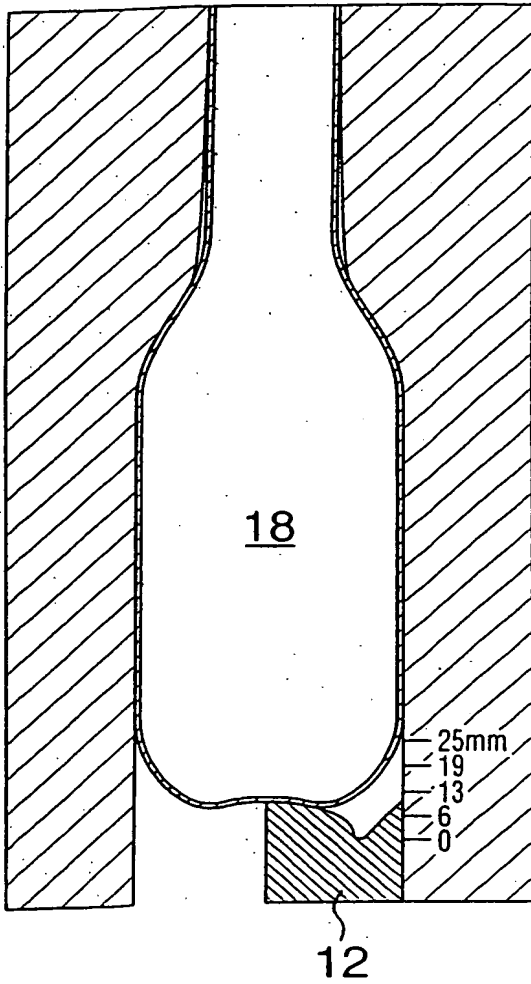


FIG. 6C

Time: 0.21s

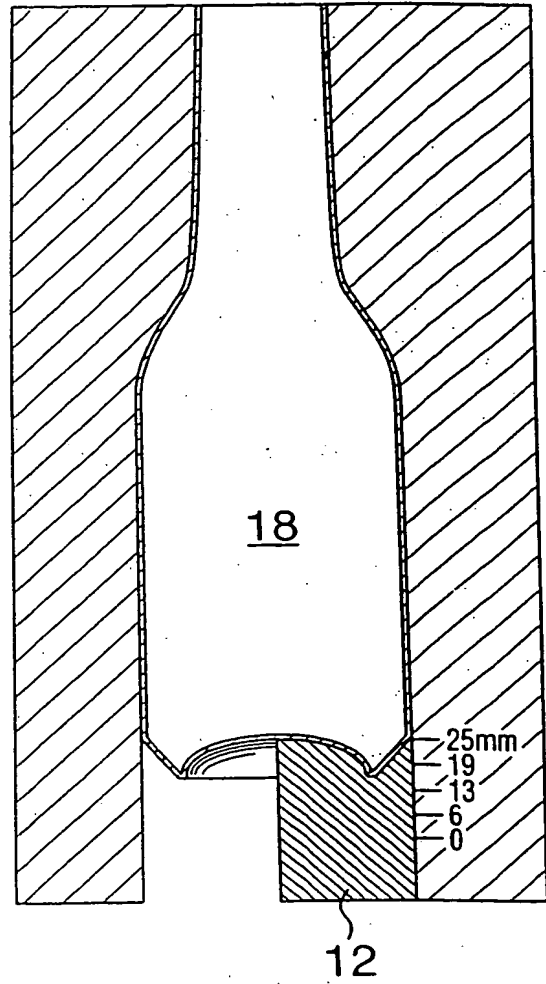
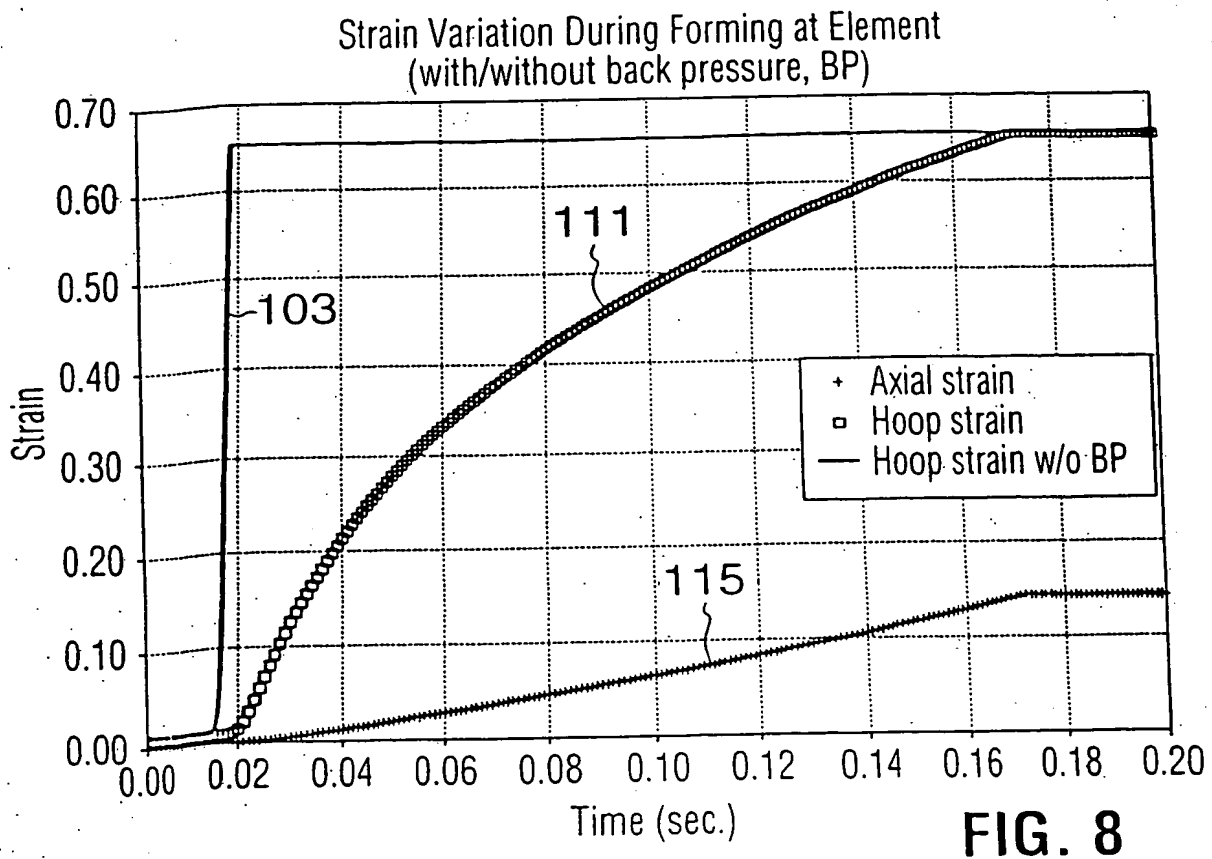
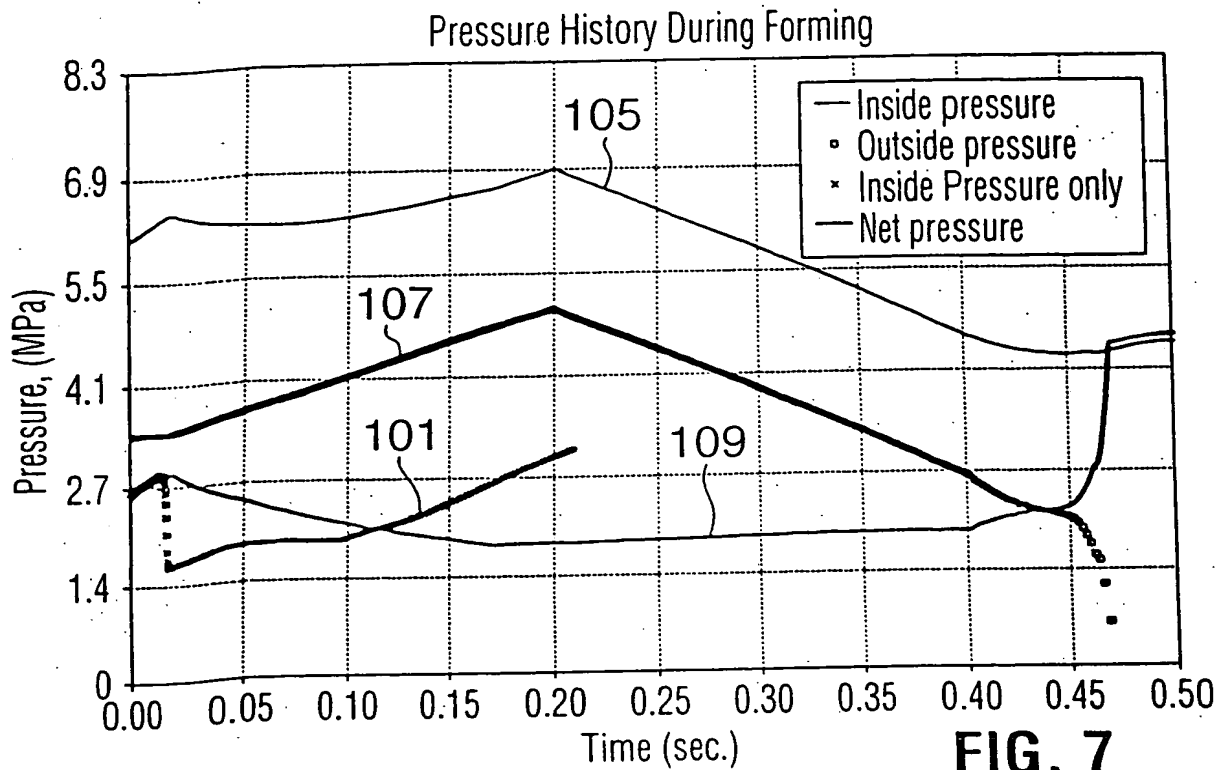
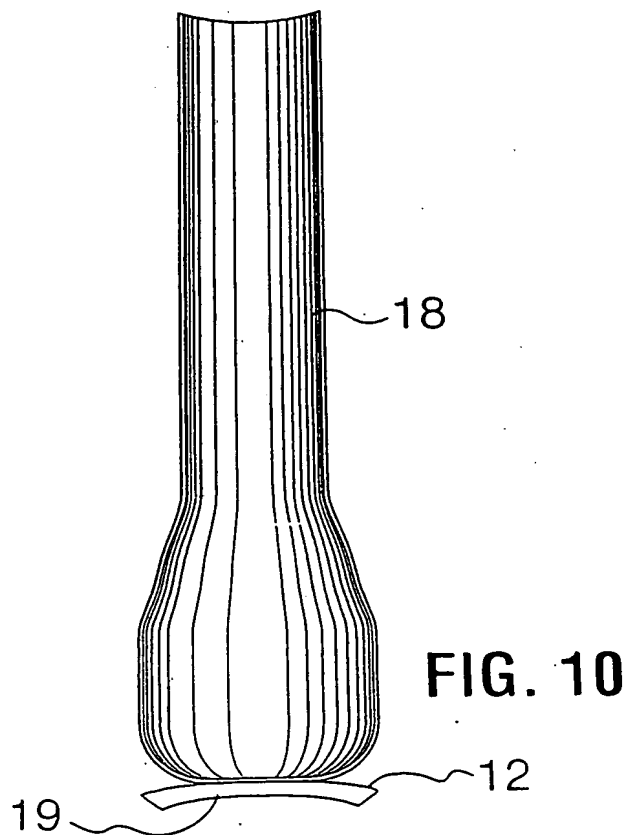
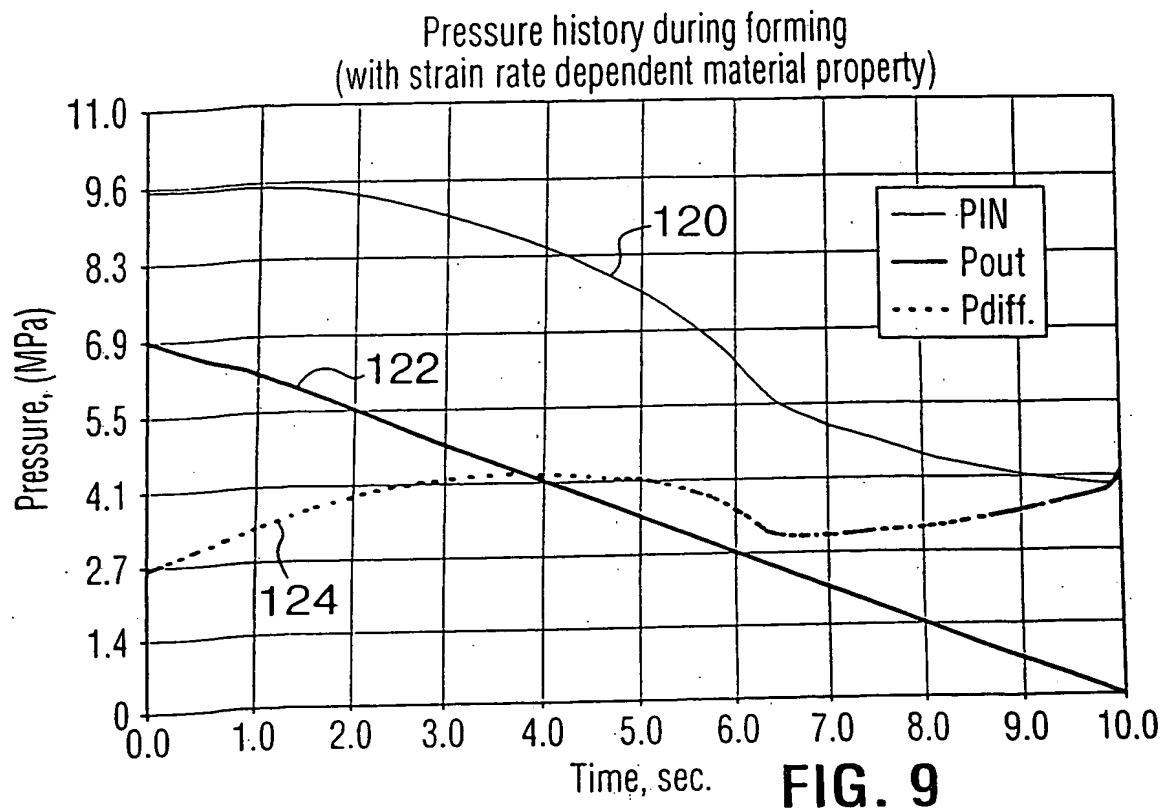


FIG. 6D







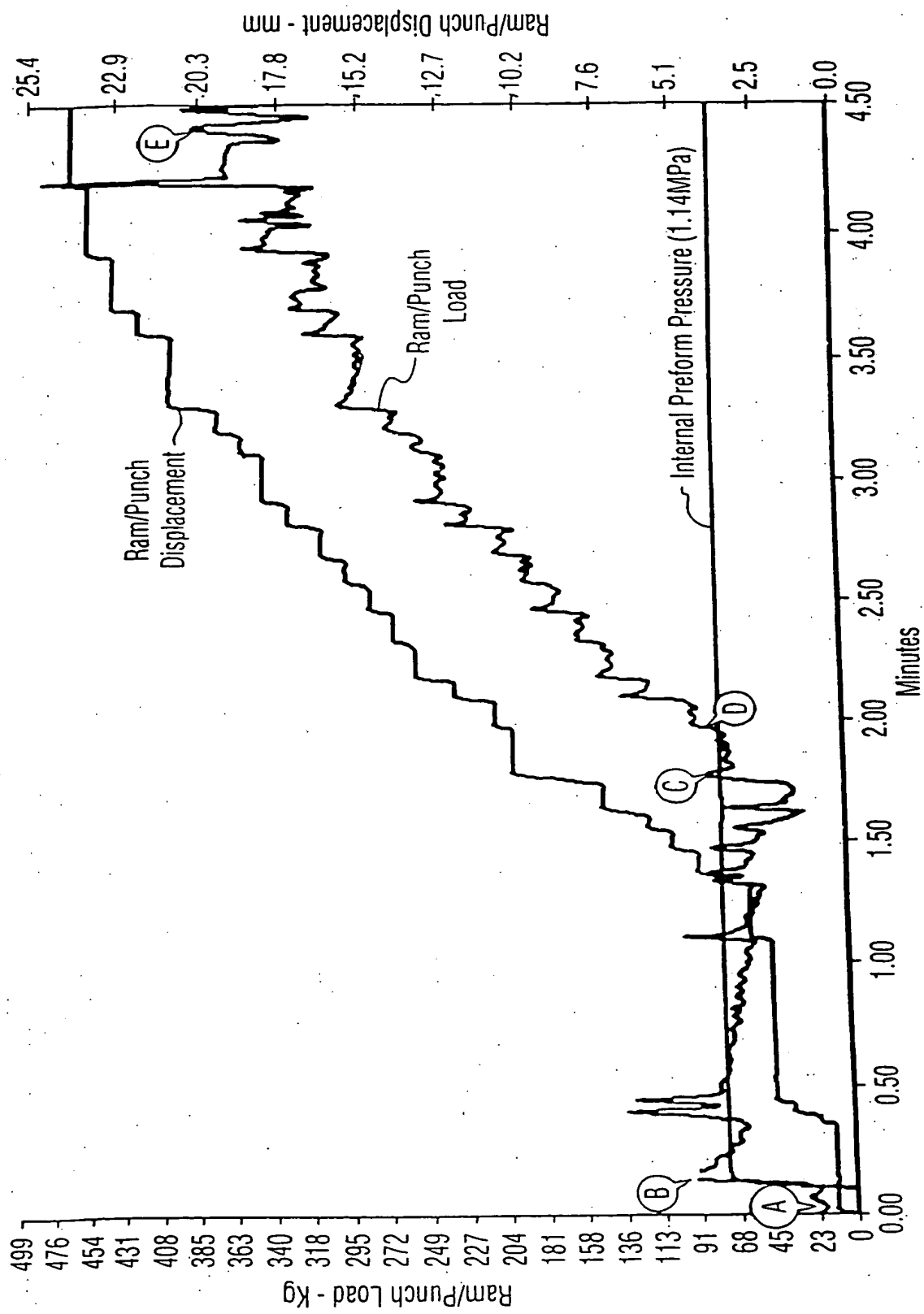
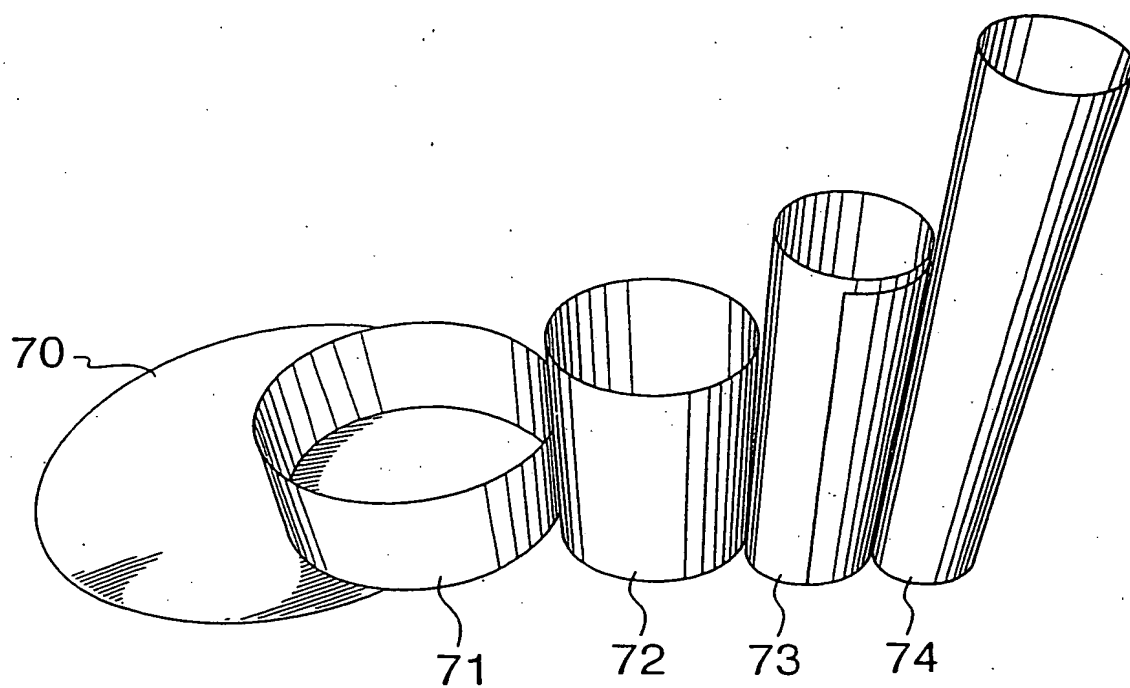
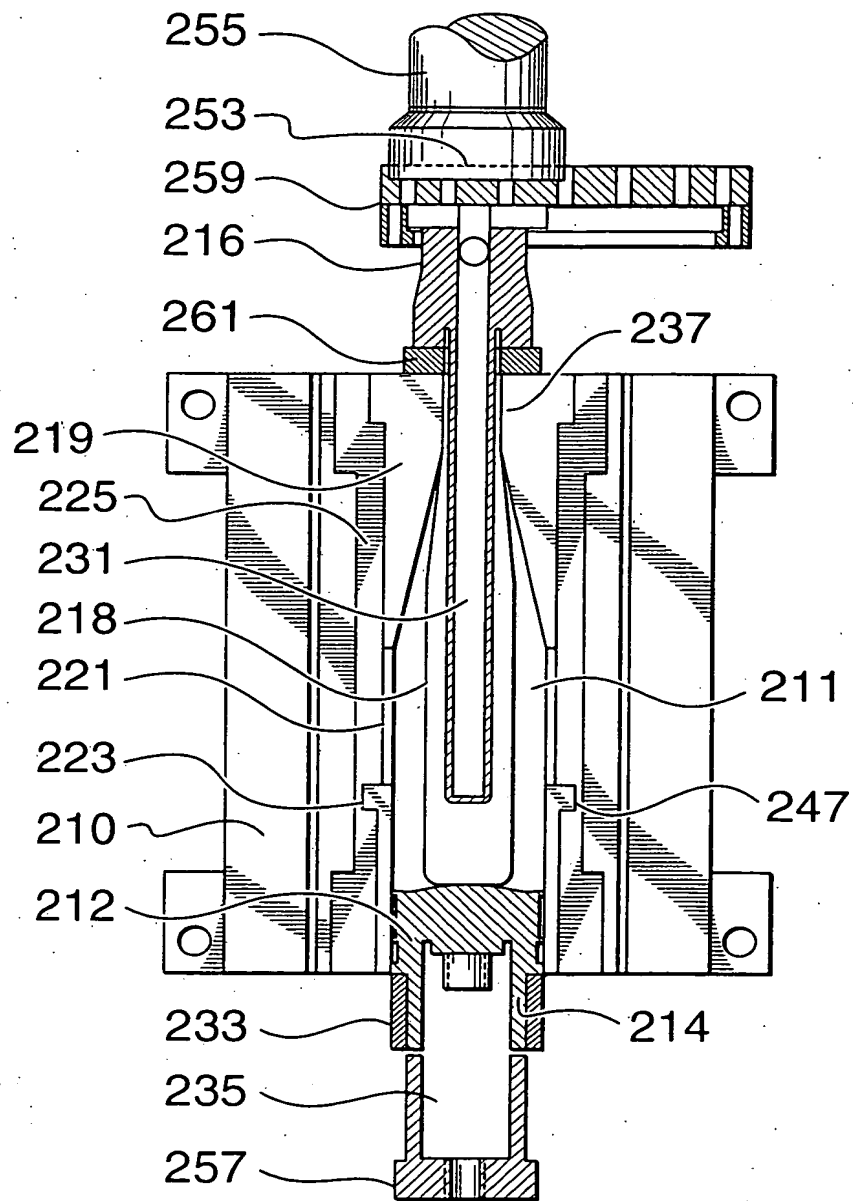


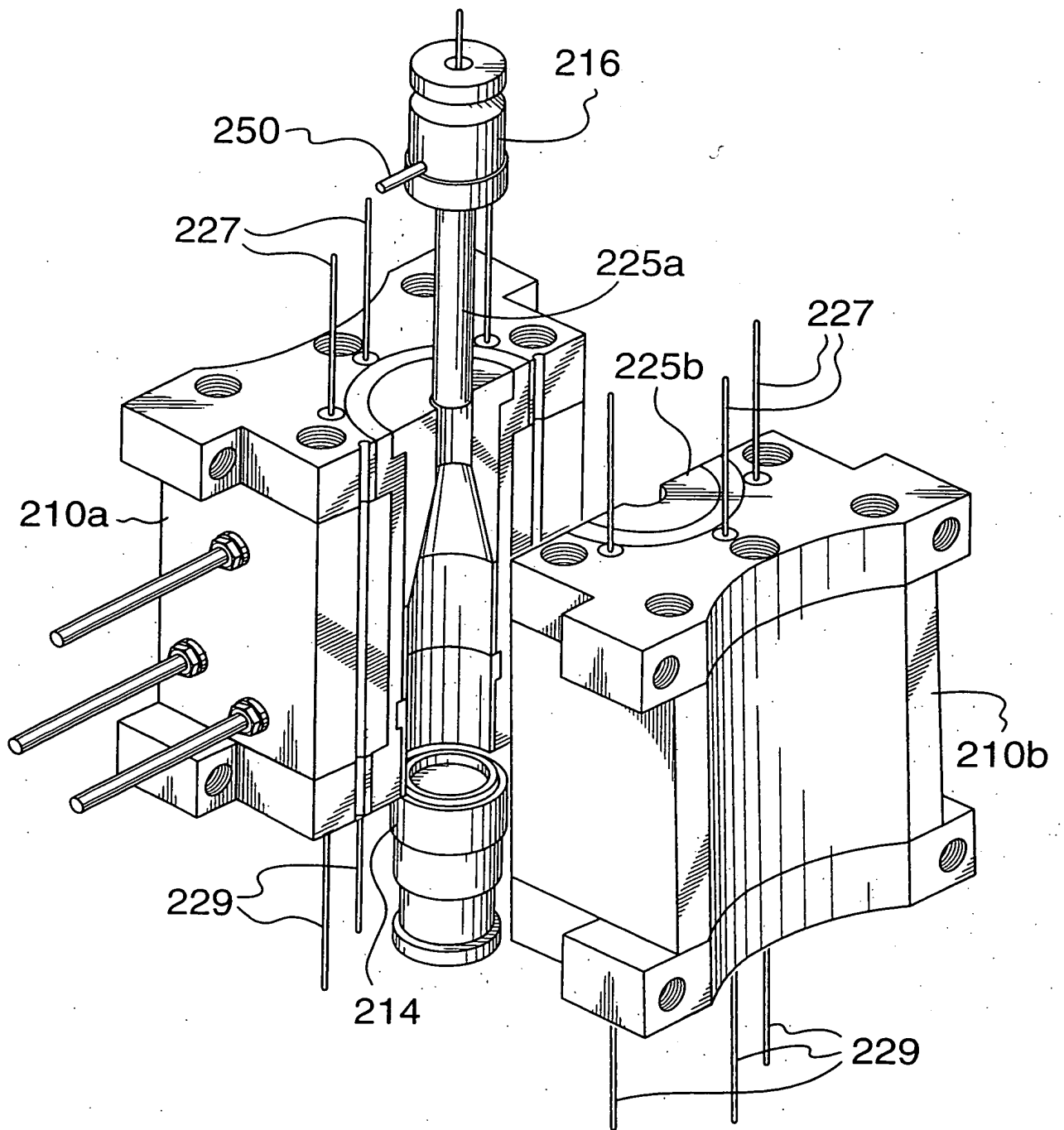
FIG. 11



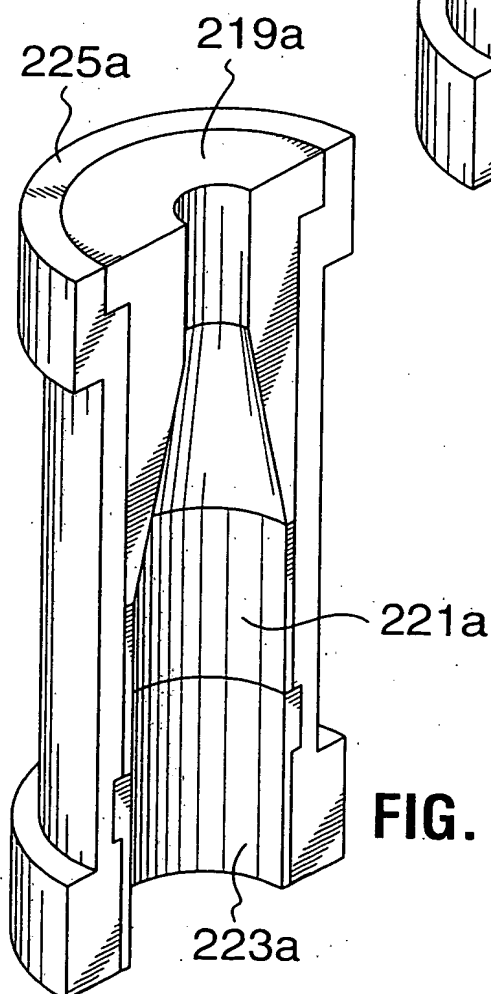
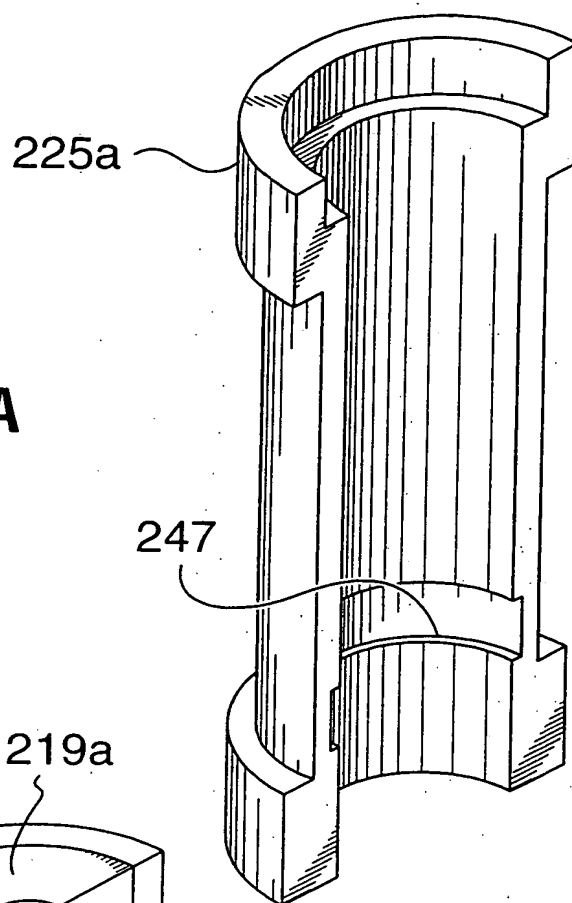
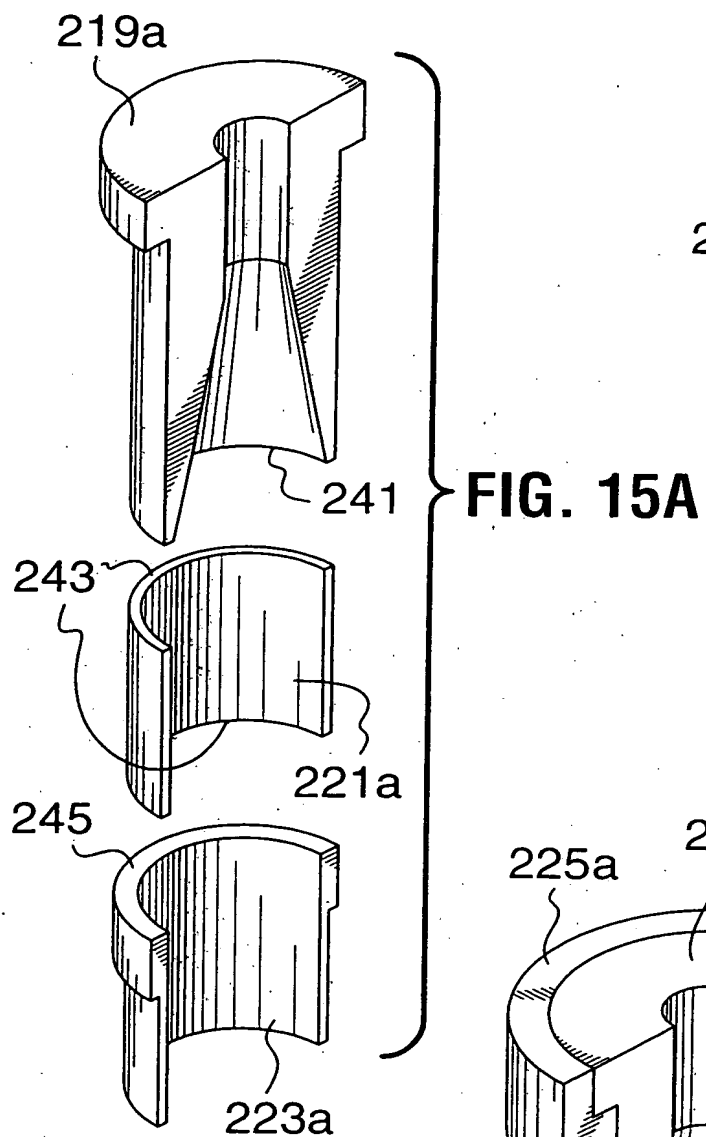
**FIG. 12**

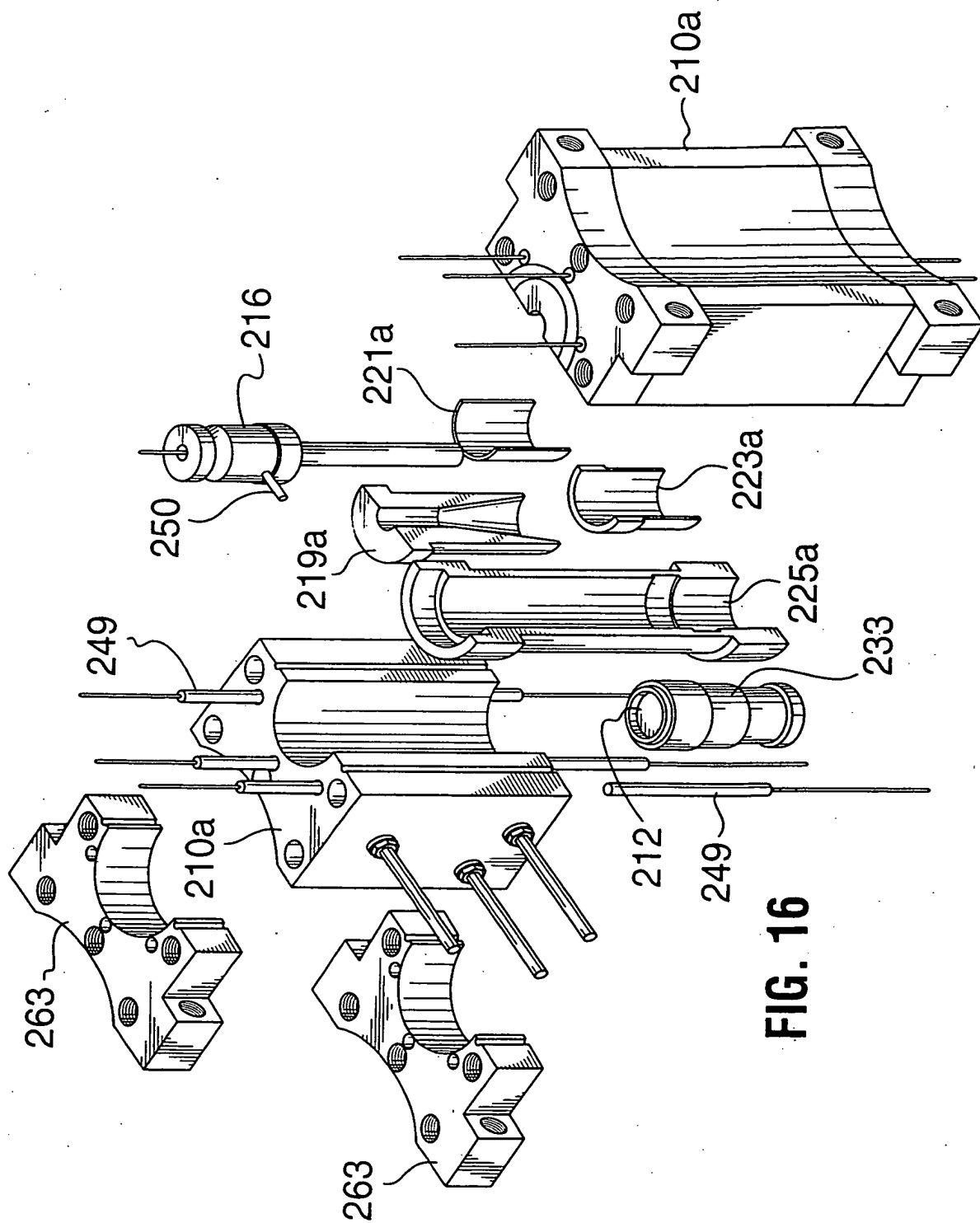


**FIG. 13**



**FIG. 14**





**FIG. 16**